

flected than the other Colours red and violet, and so of the rest. But to make these Experiments the more manifest, such Bodies ought to be chosen as have the fullest and most vivid Colours, and two of those Bodies are to be compared together. Thus, for instance, if Cinnaber and *ultra* marine blue, or some other full blue be held together in the homogeneous Light, they will both appear red, but the Cinnaber will appear of a strongly luminous and resplendent red, and the *ultra* marine blue of a faint obscure and dark red; and if they be held together in the blue homogeneous Light they will both appear blue, but the *ultra* marine will appear of a strongly luminous and resplendent blue, and the Cinnaber of a faint and dark blue. Which puts it out of dispute, that the Cinnaber reflects the red Light much more copiously than the *ultra* marine doth, and the *ultra* marine reflects the blue Light much more copiously than the Cinnaber doth. The same Experiment may be tryed successfully with red Lead and Indico, or with any other two coloured Bodies, if due allowance be made for the different strength or weakness of their Colour and Light.

And as the reason of the Colours of natural Bodies is evident by these Experiments, so it is further confirmed and put past dispute by the two first Experiments of the first Book, whereby 'twas proved in such Bodies that the reflected Light which differ in Colours do differ also in degrees of refrangibility. For thence it's certain, that some Bodies reflect the more refrangible, others the less refrangible rays more copiously.

And

And that this is the reason, but even from this consideration Light cannot be Bodies.

For if Bodies be the Colour of any coloured by any which either are mixture must pro

But in trying I had that the Light Bodies be illuminated, they will a Colours, nor of t but of some mid found by Experience illuminated with not appear either or between yellow Light by which pounded. For be illuminated with w are equally mixed rays are not equal making, green-m incident green Li so much in the r from red towards Lead reflects the proportion to the orange-making an